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71 Applicant: **E.I. DU PONT DE NEMOURS AND COMPANY**
1007 Market Street
Wilmington Delaware 19898(US)

72 Inventor: **El-Sayed, Lyla Mostafa**
1143 Pynchon Hall Road
West Chester, Pennsylvania 19382(US)
Inventor: **Page, Loretta Ann Grezzo**
112 Hoseshoe Road
Newark, Delaware 19711(US)
Inventor: **Pearlstine, Kathryn Amy**
2134 Brandywood Drive
Wilmington, Delaware 19810(US)

74 Representative: **Werner, Hans-Karsten, Dr. et al**
Deichmannhaus am Hauptbahnhof
W-5000 Köln 1(DE)

54 **Substituted carboxylic acids as adjuvants for positive electrostatic liquid developers.**

57 A positive-working electrostatic liquid developer consisting essentially of (A) a nonpolar liquid having a Kauri-butanol value of less than 30, present in major amount, (B) thermoplastic resin particles, less than 10 μm average by area particle size, (C) a nonpolar liquid soluble ionic or zwitterionic charge director compound, and (D) a substituted carboxylic acid or salt adjuvant as defined. Component (D) can be present in liquid (A) or dispersed in the resin particles. The process of preparation of the electrostatic liquid developer is described. The liquid developers are useful in copying, color proofing including digital color proofing, lithographic printing plates and resists.

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EUROPEAN SEARCH REPORT

Application Number

EP 90 11 7643

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
Y	US-A-4 062 789 (T. TAMAI ET ALL.) * abstract; claims 1-6 *	1-3,8, 17-24, 26-30, 32-34,39, 44-49, 51-61	G 03 G 9/135

Y	DE-A-2 642 826 (PHILIP A. HUNT CHEMICAL CORP.) * page 19, lines 15 - 27; claims 1-6 *	1-3,8,11, 17-24, 26-30, 32-34,39, 42,44-49	

D,Y	US-A-4 702 984 (L. M. EL-SAYED, A. J. TAGGI) * abstract ** column 3, line 26 - column 7, line 9; claims 1-22 EP 90117643030 *	1-3,8,11, 17-24,26, 29,30, 32-34,39, 42,4	

Y	EP-A-0 317 969 (E.I. DU PONT DE NEMOURS AND COMPANY) * abstract ** page 3, line 56 - page 4, line 53; claims 1-68 *	1-3,8,11, 17-24, 26-30, 32-34,39, 42,44-49	TECHNICAL FIELDS SEARCHED (Int. Cl.5)
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A	EP-A-0 282 964 (E.I. DU PONT DE NEMOURS AND COMPANY) * abstract ** page 4, line 8 - page 7, line 30; claims 1-50 *	1-61	

A	DE-A-1 926 918 (KABUSHIKI KAISHA RICOH) * claims 1-4 *	1-61	

The present search report has been drawn up for all claims			
Place of search		Date of completion of search	Examiner
The Hague		28 February 91	HINDIAS E.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone		E : earlier patent document, but published on, or after the filing date	
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P : intermediate document		& : member of the same patent family, corresponding document	
T : theory or principle underlying the invention			